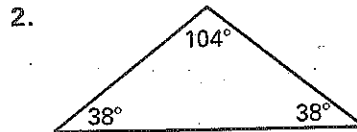
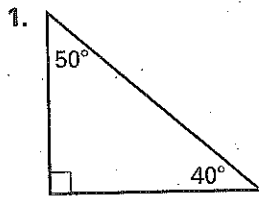


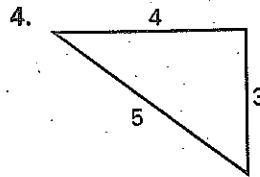
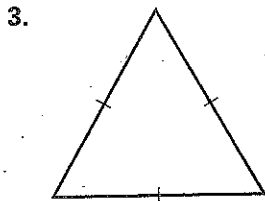
Chapter Test A

For use after Chapter 4

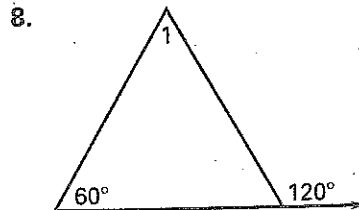
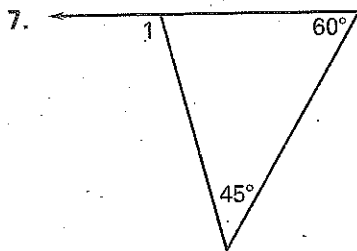
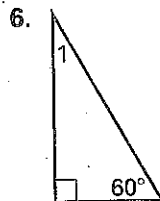
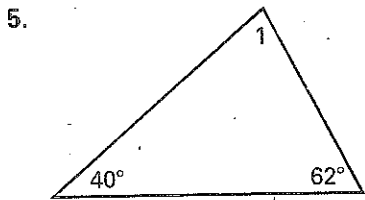
Classify the triangle by its angles.



Classify the triangle by its sides.



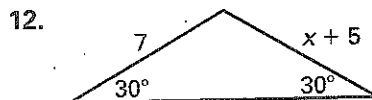
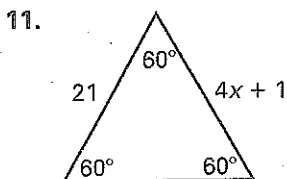
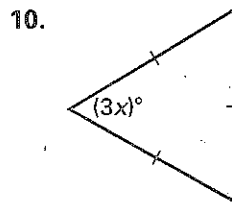
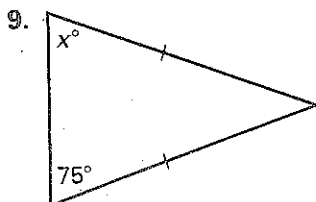
Find the measure of $\angle 1$.



Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

Find the value of x .

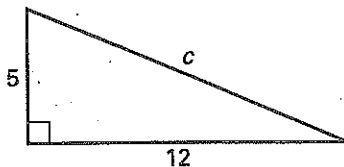


Chapter Test A

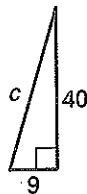
For use after Chapter 4

Find the length of the unknown side.

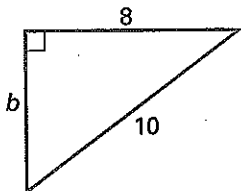
13.



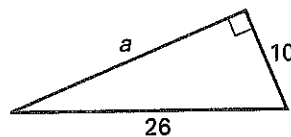
14.



15.



16.



Find the distance between A and B.

17. A(6, 5) and B(3, 1)

18. A(7, -3) and B(-1, 12)

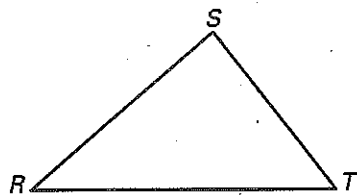
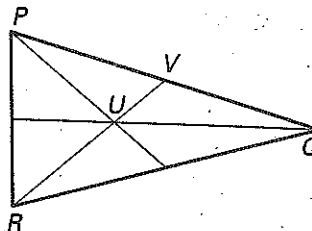
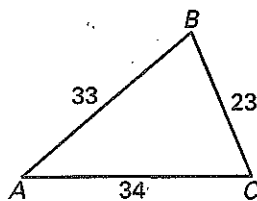
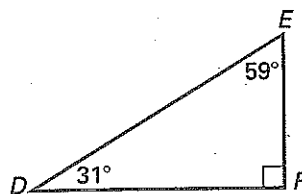
Classify the triangle with the given side lengths as *acute*, *right*, or *obtuse*.

19. 3, 3, 3

20. 15, 20, 25

21. 9, 12, 17

22. Draw the median from R to its opposite side.

23. U is the centroid of $\triangle PQR$, and $RV = 42$. Find RU and UV .24. Name the smallest and largest angles of $\triangle ABC$.25. Name the shortest and longest sides of $\triangle DEF$.

Answers

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

21. _____

22. See left.

23. _____

24. _____

25. _____